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Marking Thickness Gauge

User Manual

Digital measurement of pavement marking thickness

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1. GENERAL INFORMATION

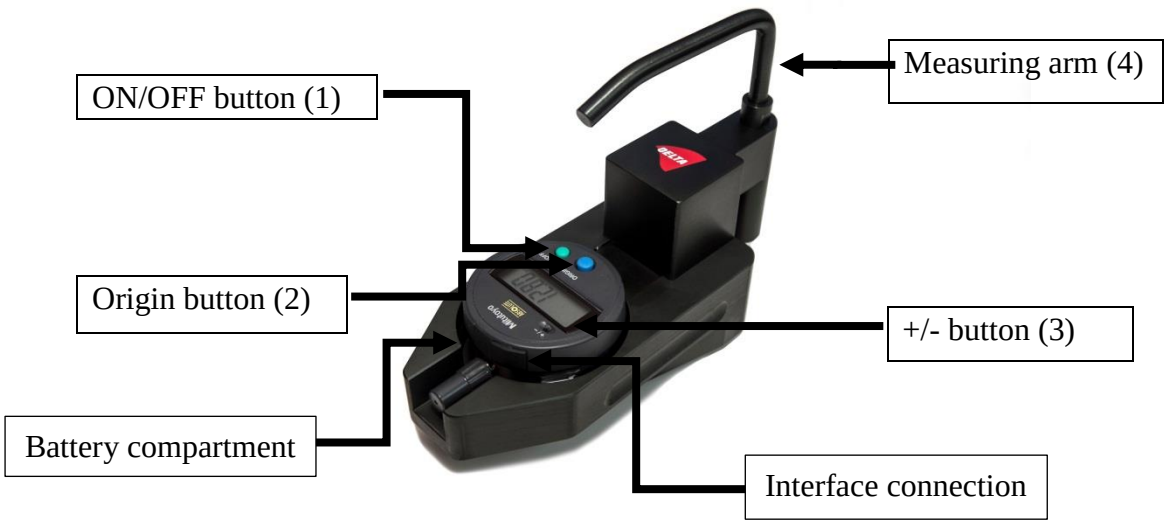
The Marking Thickness Gauge is a digital devise to measure the thickness of pavement markings dry after application. The Marking Thickness Gauge is a robust instrument which will last many years if handled with care and transported in the original transportation box.

The Marking Thickness Gauge has a measurement range of -12.7 mm to +12.7 mm +/- 0.02 mm.

2. CALIBRATION

Calibration of the Marking Thickness Gauge (MTG) is done by the following steps:

1. Place the MTG on an even surface of the object to be measured.
2. Switch on the digital indicator by pushing the green ON/OFF button (1).
3. Hold the MTG with one hand and push the measuring arm (4) down with the other hand until it reaches the surface.
4. Press the blue origin button (2) as far as it will go and keep it for 2 seconds. The display will now show 0.00. The instrument is ready to measure.
5. By pushing the +/- button (3) the display can show + or – values as required.



3. MEASURING PROCEDURE

To measure the thickness of a pavement marking make the following steps.

1. Switch on the MTG.
2. Calibrate the MTG as described in section 2.
3. Place the MTG beside (A) or on (B) the marking to be measured.
4. Press the measurement arm downwards until the arm firmly touches the marking (A) or the pavement surface (B), then read the measured value. Please note that the sign will not change with respect to the 0.00 position, if above or below.

A.

B.

4. BATTERY REPLACEMENT

The MTG uses a silver oxide battery (SR44)

1. Remove the battery holder by using a screwdriver or the like
2. Remove the current battery
3. Set a new battery into the holder with its positive (+) side facing the front
4. Set the battery holder into its original position

5. INTERFACE – DATA TRANSFER

Information to be provided.

6. DELIVERY

The following parts are contained in the Marking Thickness Gauge delivery:

* 1 Marking Thickness Gauge
* 1 Transportationn box
* 1 User manual

During carriage the MTG is to be handled with proper care. DELTA recommends to transport and store the instrument in the original transportation box. If the instrument should be damaged, contact DELTA or one of our authorised dealers for assistance.

7. SPECIFICATIONS

Dimensions ……......180 x 70 x 130 mm
Weight ……...950 gr
Material ……Stainless steel

Mitutoyo Absolute Digimatic Indicator
Resolution ……0.01 mm
Range ……...+/- 12.7 mm
Accuracy ……0.02 mm
Display……..LED

Battery
Battery ID ..……..SR44
Battery type …….. silver oxide
Battery life……Approx. 20.000 hours under normal use

Dust / water protection level……..IP42

Warranty……2 years